

Электронный дополнительный материал

УДК 633.81

ХАРАКТЕРИСТИКА КОЛЛЕКЦИИ *SALVIA SCLAREA* L. ПО БИОХИМИЧЕСКИМ ПОКАЗАТЕЛЯМ*

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** Автор, с которым следует вести переписку.

Таблица 1. Показатели продуктивности образцов коллекции шалфея мускатного

| Образец | Год | Урожай соцветий, кг с делянки (0.6 м ²) | Массовая доля эфирного масла, % | | Сбор эфирного масла, г с делянки (0.6 м ²) |
|----------|----------|---|---------------------------------|-----------------------------|--|
| | | | от сырой массы | от абсолютно сухой массы | |
| <i>1</i> | <i>2</i> | <i>3</i> | <i>4</i> | <i>5</i> | <i>6</i> |
| S-1 201 | 2018 | 1.3±0.3 | 0.23 | 0.70 | 2.9±0.7 |
| | 2019 | 0.9±0.1 | 0.13 | 0.34 | 1.2±0.2 |
| | 2020 | 0.7±0.0 | 0.10 | 0.44 | 0.7±0.0 |
| | среднее | 1.0±0.2 | 0.15±0.04 | 0.49±0.11 | 1.6±0.7 |
| S-2 202 | 2018 | 1.4±0.5 | 0.23 | 0.74 | 3.1±1.1 |
| | 2019 | 0.9±0.1 | 0.15 | 0.53 | 1.4±0.2 |
| | 2020 | 0.7±0.1 | 0.19 | 0.64 | 1.4±0.1 |
| | среднее | 1.0±0.2 | 0.19±0.02 | 0.64±0.06 | 2.0±0.6 |
| S-3 203 | 2018 | 1.1±0.1 | 0.23 | 0.78 | 2.5±0.3 |
| | 2019 | 0.7±0.1 | 0.14 | 0.54 | 0.9±0.1 |
| | 2020 | 0.2±0.1 | 0.23 | 0.80 | 0.5±0.1 |
| | среднее | 0.7±0.3 | 0.20±0.03 | 0.71±0.08 | 1.3±0.6 |
| S-4 204 | 2018 | 1.5±0.4 | 0.20 | 0.66 | 2.9±0.7 |
| | 2019 | 0.7±0.2 | 0.23 | 0.88 | 1.6±0.3 |
| | 2020 | 0.9±0.2 | 0.20 | 0.85 | 1.8±0.4 |
| | среднее | 1.0±0.2 | 0.21±0.01 | 0.80±0.07 | 2.1±0.4 |
| S-5 205 | 2018 | 1.1±0.3 | 0.15 | 0.43 | 1.6±0.5 |
| | 2019 | 1.0±0.1 | 0.13 | 0.49 | 1.2±0.2 |
| | 2020 | 1.4±0.1 | 0.10 | 0.44 | 1.4±0.1 |
| | среднее | 1.2±0.1 | 0.13±0.01 | 0.45±0.02 | 1.4±0.1 |
| S-6 206 | 2018 | 1.3±0.2 | 0.25 | 0.71 | 3.2±0.5 |
| | 2019 | 0.9±0.3 | 0.12 | 0.50 | 1.1±0.3 |
| | 2020 | 1.1±0.5 | 0.16 | 0.71 | 1.8±0.8 |
| | среднее | 1.1±0.1 | 0.18±0.04 | 0.64±0.07 | 2.0±0.6 |
| S-7 207 | 2018 | 1.4±0.1 | 0.25 | 0.71 | 3.4±0.4 |
| | 2019 | 1.0±0.1 | 0.35 | 1.37 | 3.4±0.5 |
| | 2020 | 0.7±0.0 | 0.19 | 0.67 | 1.4±0.1 |
| | среднее | 1.0±0.2 | 0.26±0.05 | 0.92±0.23 | 2.7±0.7 |
| S-8 208 | 2018 | 1.2±0.0 | 0.15 | 0.43 | 1.8±0.0 |
| | 2019 | 0.9±0.0 | 0.21 | 0.83 | 2.0±0.0 |
| | 2020 | 1.1±0.5 | 0.20 | 0.85 | 2.3±1.1 |
| | среднее | 1.1±0.1 | 0.19±0.02 | 0.70±0.14 | 2.0±0.1 |
| S-9 209 | 2018 | 1.2±0.1 | 0.20 | 0.57 | 2.4±0.1 |
| | 2019 | 1.1±0.2 | 0.28 | 1.08 | 2.9±0.7 |
| | 2020 | 0.4±0.1 | 0.13 | 0.45 | 0.6±0.1 |
| | среднее | 0.9±0.3 | 0.20±0.04 | 0.70±0.19 | 2.0±0.7 |
| S-10 210 | 2018 | 1.6±0.1 | 0.23 | 0.64 | 3.6±0.1 |
| | 2019 | 0.7±0.1 | 0.25 | 0.98 | 1.7±0.2 |
| | 2020 | 1.0±0.4 | 0.23 | 0.87 | 2.3±1.0 |
| | среднее | 1.1±0.3 | 0.24±0.01 | 0.83±0.10 | 2.5±0.6 |
| S-11 211 | 2018 | 1.0±0.3 | 0.20 | 0.57 | 1.9±0.6 |
| | 2019 | 1.1±0.3 | 0.24 | 0.95 | 2.6±0.6 |
| | 2020 | 1.1±0.0 | 0.15 | 0.65 | 1.6±0.1 |
| | среднее | 1.1±0.0 | 0.20±0.03 | 0.72±0.12 | 2.0±0.3 |
| S-12 212 | 2018 | 1.1±0.2 | 0.20 | 0.56 | 2.3±0.3 |
| | 2019 | 1.1±0.5 | 0.09 | 0.43 | 1.0±0.4 |
| | 2020 | 0.8±0.2 | 0.15 | 0.64 | 1.1±0.3 |
| | среднее | 1.0±0.1 | 0.15±0.03 | 0.54±0.06 | 1.5±0.4 |
| S-13 213 | 2018 | 1.1±0.1 | 0.20 | 0.56 | 2.3±0.3 |
| | 2019 | 1.0±0.2 | 0.10 | 0.36 | 1.0±0.2 |
| | 2020 | 1.0±0.0 | 0.20 | 0.85 | 2.0±0.0 |
| | среднее | 1.0±0.0 | 0.17±0.03 | 0.59±0.14 | 1.8±0.4 |

Продолжение таблицы 1

| 1 | 2 | 3 | 4 | 5 | 6 |
|----------|---------|----------------|------------------|------------------|----------------|
| S-14 214 | 2018 | 1.1±0.4 | 0.18 | 0.49 | 2.0±0.6 |
| | 2019 | 1.1±0.1 | 0.19 | 0.73 | 2.0±0.1 |
| | 2020 | 0.8±0.0 | 0.15 | 0.64 | 1.2±0.0 |
| | среднее | 1.0±0.1 | 0.17±0.01 | 0.62±0.07 | 1.7±0.3 |
| S-15 215 | 2018 | 1.0±0.2 | 0.18 | 0.50 | 1.7±0.3 |
| | 2019 | 1.0±0.1 | 0.13 | 0.56 | 1.2±0.1 |
| | 2020 | 0.8±0.2 | 0.19 | 0.73 | 1.5±0.4 |
| | среднее | 0.9±0.1 | 0.17±0.02 | 0.60±0.07 | 1.5±0.1 |
| S-16 216 | 2018 | 1.3±0.1 | 0.14 | 0.39 | 1.8±0.1 |
| | 2019 | 1.0±0.3 | 0.15 | 0.64 | 1.5±0.4 |
| | 2020 | 0.8±0.0 | 0.20 | 0.77 | 1.6±0.1 |
| | среднее | 1.0±0.1 | 0.16±0.02 | 0.60±0.11 | 1.6±0.1 |
| S-17 217 | 2018 | 1.2±0.3 | 0.25 | 0.87 | 3.1±0.8 |
| | 2019 | 1.0±0.1 | 0.20 | 0.71 | 2.0±0.2 |
| | 2020 | 1.2±0.2 | 0.13 | 0.48 | 1.4±0.2 |
| | среднее | 1.1±0.1 | 0.19±0.03 | 0.69±0.11 | 2.2±0.5 |
| S-18 218 | 2018 | 1.3±0.1 | 0.30 | 0.84 | 4.0±0.3 |
| | 2019 | 0.7±0.2 | 0.14 | 0.54 | 0.9±0.2 |
| | 2020 | 0.9±0.3 | 0.18 | 0.68 | 1.6±0.5 |
| | среднее | 1.0±0.2 | 0.21±0.05 | 0.69±0.09 | 2.2±0.9 |
| S-19 219 | 2018 | 1.1±0.2 | 0.25 | 0.71 | 2.7±0.4 |
| | 2019 | 0.8±0.1 | 0.12 | 0.43 | 0.9±0.1 |
| | 2020 | 0.8±0.3 | 0.30 | 1.16 | 2.3±0.8 |
| | среднее | 0.9±0.1 | 0.22±0.05 | 0.77±0.21 | 2.0±0.5 |
| S-20 220 | 2018 | 1.5±0.1 | 0.20 | 0.56 | 3.1±0.1 |
| | 2019 | 1.0±0.3 | 0.13 | 0.53 | 1.3±0.4 |
| | 2020 | 0.9±0.2 | 0.18 | 0.75 | 1.6±0.3 |
| | среднее | 1.1±0.2 | 0.17±0.02 | 0.61±0.07 | 2.0±0.6 |
| S-21 221 | 2018 | 1.5±0.4 | 0.20 | 0.56 | 3.1±0.8 |
| | 2019 | 1.0±0.4 | 0.15 | 0.53 | 1.4±0.6 |
| | 2020 | 0.8±0.2 | 0.18 | 0.68 | 1.4±0.3 |
| | среднее | 1.1±0.2 | 0.18±0.01 | 0.59±0.05 | 2.0±0.6 |
| S-22 222 | 2018 | 1.3±0.2 | 0.13 | 0.35 | 1.6±0.2 |
| | 2019 | 0.8±0.1 | 0.15 | 0.56 | 1.3±0.2 |
| | 2020 | 1.0±0.3 | 0.10 | 0.44 | 1.0±0.3 |
| | среднее | 1.0±0.1 | 0.13±0.01 | 0.45±0.06 | 1.3±0.2 |
| S-23 223 | 2018 | 1.7±0.1 | 0.08 | 0.21 | 1.2±0.1 |
| | 2019 | 0.7±0.2 | 0.10 | 0.37 | 0.7±0.2 |
| | 2020 | 0.8±0.1 | 0.19 | 0.82 | 1.5±0.1 |
| | среднее | 1.1±0.3 | 0.12±0.03 | 0.47±0.18 | 1.1±0.2 |
| S-24 224 | 2018 | 1.9±0.1 | 0.15 | 0.50 | 2.8±0.1 |
| | 2019 | 0.5±0.3 | 0.25 | 0.80 | 1.1±0.6 |
| | 2020 | 0.7±0.1 | 0.20 | 0.85 | 1.4±0.2 |
| | среднее | 1.0±0.4 | 0.20±0.03 | 0.72±0.11 | 1.8±0.5 |
| S-25 225 | 2018 | 1.5±0.1 | 0.30 | 0.84 | 4.4±0.2 |
| | 2019 | 1.1±0.4 | 0.11 | 0.42 | 1.2±0.4 |
| | 2020 | 0.9±0.3 | 0.15 | 0.65 | 1.4±0.5 |
| | среднее | 1.2±0.2 | 0.19±0.06 | 0.64±0.12 | 2.3±1.0 |
| S-26 226 | 2018 | 1.4±0.2 | 0.25 | 0.70 | 3.4±0.4 |
| | 2019 | 1.0±0.3 | 0.19 | 0.72 | 1.9±0.1 |
| | 2020 | 0.7±0.2 | 0.19 | 0.82 | 1.4±0.3 |
| | среднее | 1.0±0.2 | 0.21±0.02 | 0.75±0.04 | 2.2±0.6 |
| S-27 227 | 2018 | 1.3±0.4 | 0.35 | 1.17 | 4.7±1.5 |
| | 2019 | 0.8±0.2 | 0.20 | 0.74 | 1.6±0.3 |
| | 2020 | 0.6±0.1 | 0.15 | 0.65 | 0.9±0.1 |
| | среднее | 0.9±0.2 | 0.23±0.06 | 0.85±0.16 | 2.4±1.2 |

Продолжение таблицы 1

| 1 | 2 | 3 | 4 | 5 | 6 |
|----------|---------|----------------|------------------|------------------|----------------|
| S-28 228 | 2018 | 1.5±0.3 | 0.25 | 0.84 | 3.8±0.6 |
| | 2019 | 0.9±0.1 | 0.11 | 0.51 | 1.0±0.1 |
| | 2020 | 0.5±0.3 | 0.20 | 0.71 | 1.0±0.7 |
| | среднее | 1.0±0.3 | 0.19±0.04 | 0.69±0.10 | 1.9±0.9 |
| S-29 229 | 2018 | 1.3±0.3 | 0.25 | 0.77 | 3.3±0.7 |
| | 2019 | 0.9±0.1 | 0.20 | 0.69 | 1.7±0.1 |
| | 2020 | 0.7±0.1 | 0.25 | 0.97 | 1.8±0.2 |
| | среднее | 1.0±0.2 | 0.23±0.02 | 0.81±0.08 | 2.3±0.5 |
| S-30 230 | 2018 | 1.7±0.5 | 0.30 | 1.01 | 5.2±1.3 |
| | 2019 | 1.0±0.2 | 0.18 | 0.61 | 1.8±0.3 |
| | 2020 | 0.6±0.0 | 0.25 | 1.07 | 1.6±0.0 |
| | среднее | 1.1±0.3 | 0.24±0.03 | 0.90±0.14 | 2.9±1.2 |
| S-31 231 | 2018 | 1.4±0.1 | 0.33 | 0.91 | 4.5±0.5 |
| | 2019 | 1.1±0.3 | 0.19 | 0.70 | 2.0±0.6 |
| | 2020 | 0.7±0.0 | 0.18 | 0.67 | 1.3±0.1 |
| | среднее | 1.1±0.2 | 0.23±0.05 | 0.76±0.08 | 2.6±1.0 |
| S-32 232 | 2018 | 1.6±0.4 | 0.18 | 0.49 | 2.7±0.8 |
| | 2019 | 0.8±0.0 | 0.10 | 0.37 | 0.8±0.0 |
| | 2020 | 0.4±0.2 | 0.25 | 0.96 | 1.1±0.5 |
| | среднее | 0.9±0.4 | 0.18±0.04 | 0.61±0.18 | 1.5±0.6 |
| S-33 233 | 2018 | 1.7±0.0 | 0.13 | 0.39 | 2.1±0.0 |
| | 2019 | 0.9±0.4 | 0.21 | 0.73 | 1.9±0.8 |
| | 2020 | 0.7±0.1 | 0.28 | 1.06 | 2.0±0.3 |
| | среднее | 1.1±0.3 | 0.21±0.04 | 0.73±0.19 | 2.0±0.1 |
| S-34 234 | 2018 | 1.7±0.1 | 0.25 | 0.70 | 4.1±0.1 |
| | 2019 | 0.9±0.2 | 0.20 | 0.64 | 1.7±0.3 |
| | 2020 | 0.5±0.0 | 0.25 | 0.97 | 1.4±0.1 |
| | среднее | 1.0±0.4 | 0.23±0.02 | 0.77±0.10 | 2.4±0.9 |
| S-35 235 | 2018 | 2.1±0.1 | 0.20 | 0.56 | 4.1±0.1 |
| | 2019 | 1.0±0.3 | 0.20 | 0.71 | 2.0±0.5 |
| | 2020 | 0.5±0.2 | 0.25 | 0.97 | 1.3±0.4 |
| | среднее | 1.2±0.5 | 0.22±0.02 | 0.75±0.12 | 2.5±0.8 |
| S-36 236 | 2018 | 1.7±0.0 | 0.23 | 0.63 | 3.7±0.1 |
| | 2019 | 0.8±0.2 | 0.17 | 0.63 | 1.4±0.3 |
| | 2020 | 0.5±0.1 | 0.25 | 0.96 | 1.4±0.3 |
| | среднее | 1.0±0.4 | 0.22±0.02 | 0.74±0.11 | 2.2±0.8 |
| S-37 237 | 2018 | 1.2±0.4 | 0.30 | 0.84 | 3.6±1.3 |
| | 2019 | 1.0±0.4 | 0.14 | 0.51 | 1.4±0.5 |
| | 2020 | 0.7±0.0 | 0.18 | 0.67 | 1.2±0.0 |
| | среднее | 1.0±0.1 | 0.21±0.05 | 0.67±0.10 | 2.1±0.8 |
| S-38 238 | 2018 | 1.3±0.1 | 0.24 | 0.66 | 3.0±0.3 |
| | 2019 | 0.8±0.0 | 0.11 | 0.37 | 0.9±0.0 |
| | 2020 | 0.6±0.2 | 0.13 | 0.51 | 0.8±0.2 |
| | среднее | 0.9±0.2 | 0.16±0.04 | 0.51±0.08 | 1.6±0.7 |
| S-39 239 | 2018 | 1.3±0.4 | 0.30 | 0.84 | 3.9±1.2 |
| | 2019 | 0.9±0.3 | 0.09 | 0.30 | 0.7±0.2 |
| | 2020 | 0.7±0.0 | 0.13 | 0.48 | 0.9±0.0 |
| | среднее | 1.0±0.2 | 0.17±0.06 | 0.54±0.16 | 1.8±1.0 |
| S-40 240 | 2018 | 1.3±0.0 | 0.30 | 0.92 | 3.8±0.1 |
| | 2019 | 0.9±0.2 | 0.15 | 0.68 | 1.4±0.5 |
| | 2020 | 0.7±0.0 | 0.23 | 0.87 | 1.5±0.1 |
| | среднее | 1.0±0.2 | 0.23±0.04 | 0.82±0.07 | 2.2±0.8 |
| S-41 241 | 2018 | 1.3±0.3 | 0.19 | 0.58 | 2.4±0.5 |
| | 2019 | 1.0±0.4 | 0.10 | 0.34 | 1.0±0.4 |
| | 2020 | 0.5±0.0 | 0.10 | 0.41 | 0.5±0.0 |
| | среднее | 0.9±0.2 | 0.13±0.03 | 0.44±0.07 | 1.3±0.6 |

Продолжение таблицы 1

| 1 | 2 | 3 | 4 | 5 | 6 |
|----------|---------|----------------|------------------|------------------|----------------|
| S-42 242 | 2018 | 1.5±0.0 | 0.23 | 0.74 | 3.4±0.1 |
| | 2019 | 0.9±0.4 | 0.08 | 0.26 | 0.7±0.3 |
| | 2020 | 0.6±0.0 | 0.10 | 0.41 | 0.6±0.0 |
| | среднее | 1.0±0.3 | 0.14±0.05 | 0.47±0.14 | 1.6±0.9 |
| S-43 243 | 2018 | 1.8±0.3 | 0.20 | 0.62 | 3.6±0.6 |
| | 2019 | 1.1±0.4 | 0.25 | 0.80 | 2.6±0.9 |
| | 2020 | 0.8±0.1 | 0.25 | 0.96 | 1.9±0.2 |
| | среднее | 1.2±0.3 | 0.23±0.02 | 0.79±0.10 | 2.7±0.5 |
| S-44 244 | 2018 | 1.8±0.3 | 0.15 | 0.46 | 2.7±0.4 |
| | 2019 | 1.0±0.2 | 0.25 | 0.80 | 2.5±0.4 |
| | 2020 | 0.5±0.1 | 0.13 | 0.51 | 0.6±0.1 |
| | среднее | 1.1±0.4 | 0.18±0.04 | 0.59±0.11 | 1.9±0.7 |
| S-45 245 | 2018 | 1.9±0.1 | 0.20 | 0.66 | 3.9±0.1 |
| | 2019 | 1.0±0.4 | 0.11 | 0.39 | 1.2±0.4 |
| | 2020 | 0.8±0.1 | 0.19 | 0.73 | 1.6±0.2 |
| | среднее | 1.2±0.3 | 0.17±0.03 | 0.59±0.10 | 2.2±0.8 |
| S-46 246 | 2018 | 1.5±0.2 | 0.20 | 0.62 | 3.0±0.3 |
| | 2019 | 0.7±0.0 | 0.19 | 0.62 | 1.3±0.1 |
| | 2020 | 0.6±0.0 | 0.20 | 0.77 | 1.2±0.0 |
| | среднее | 0.9±0.3 | 0.20±0.00 | 0.67±0.05 | 1.8±0.6 |
| S-47 247 | 2018 | 1.5±0.1 | 0.15 | 0.49 | 2.3±0.2 |
| | 2019 | 0.9±0.2 | 0.25 | 0.80 | 2.1±0.4 |
| | 2020 | 0.7±0.3 | 0.16 | 0.62 | 1.2±0.5 |
| | среднее | 1.0±0.2 | 0.19±0.03 | 0.64±0.09 | 1.9±0.3 |
| S-48 248 | 2018 | 1.2±0.1 | 0.24 | 0.78 | 2.8±0.2 |
| | 2019 | 0.8±0.3 | 0.20 | 0.64 | 1.7±0.6 |
| | 2020 | 0.6±0.1 | 0.19 | 0.77 | 1.1±0.3 |
| | среднее | 0.9±0.2 | 0.21±0.02 | 0.73±0.05 | 1.9±0.5 |
| S-49 249 | 2018 | 1.2±0.2 | 0.30 | 0.92 | 3.7±0.6 |
| | 2019 | 0.9±0.3 | 0.18 | 0.56 | 1.6±0.4 |
| | 2020 | 0.5±0.1 | 0.10 | 0.41 | 0.5±0.1 |
| | среднее | 0.9±0.2 | 0.19±0.06 | 0.63±0.15 | 1.9±0.9 |
| S-50 250 | 2018 | 1.7±0.1 | 0.20 | 0.66 | 3.3±0.3 |
| | 2019 | 0.9±0.2 | 0.20 | 0.64 | 1.8±0.5 |
| | 2020 | 0.6±0.0 | 0.15 | 0.61 | 1.0±0.0 |
| | среднее | 1.1±0.3 | 0.18±0.02 | 0.64±0.01 | 2.0±0.7 |
| S-51 251 | 2018 | 1.6±0.2 | 0.20 | 0.62 | 3.1±0.5 |
| | 2019 | 0.8±0.2 | 0.23 | 0.72 | 1.8±0.5 |
| | 2020 | 0.5±0.1 | 0.20 | 0.81 | 1.1±0.2 |
| | среднее | 1.0±0.3 | 0.21±0.01 | 0.72±0.05 | 2.0±0.6 |
| S-52 252 | 2018 | 1.3±0.1 | 0.19 | 0.58 | 2.5±0.2 |
| | 2019 | 0.9±0.2 | 0.23 | 0.72 | 2.1±0.3 |
| | 2020 | 0.6±0.3 | 0.15 | 0.61 | 1.0±0.5 |
| | среднее | 0.9±0.2 | 0.19±0.02 | 0.64±0.04 | 1.9±0.4 |
| S-53 253 | 2018 | 1.3±0.0 | 0.30 | 0.92 | 3.8±0.1 |
| | 2019 | 0.7±0.1 | 0.11 | 0.36 | 0.7±0.1 |
| | 2020 | 0.7±0.0 | 0.23 | 0.92 | 1.5±0.0 |
| | среднее | 0.9±0.2 | 0.21±0.06 | 0.73±0.19 | 2.0±0.9 |
| S-54 254 | 2018 | 1.6±0.1 | 0.20 | 0.66 | 3.2±0.2 |
| | 2019 | 0.8±0.1 | 0.24 | 0.76 | 1.8±0.3 |
| | 2020 | 0.5±0.0 | 0.20 | 0.76 | 1.1±0.1 |
| | среднее | 1.0±0.3 | 0.21±0.01 | 0.73±0.03 | 2.0±0.6 |
| S-55 255 | 2018 | 1.5±0.2 | 0.15 | 0.46 | 2.3±0.3 |
| | 2019 | 0.7±0.1 | 0.19 | 0.60 | 1.3±0.1 |
| | 2020 | 0.5±0.0 | 0.20 | 0.76 | 1.1±0.1 |
| | среднее | 0.9±0.3 | 0.18±0.02 | 0.61±0.09 | 1.6±0.4 |

Продолжение таблицы 1

| 1 | 2 | 3 | 4 | 5 | 6 |
|----------|---------|----------------|------------------|------------------|----------------|
| S-56 256 | 2018 | 1.5±0.1 | 0.24 | 0.73 | 3.6±0.4 |
| | 2019 | 0.7±0.3 | 0.25 | 0.80 | 1.8±0.6 |
| | 2020 | 0.8±0.1 | 0.15 | 0.49 | 1.1±0.1 |
| | среднее | 1.0±0.3 | 0.21±0.03 | 0.67±0.09 | 2.2±0.7 |
| S-57 257 | 2018 | 1.4±0.2 | 0.28 | 0.90 | 3.7±0.6 |
| | 2019 | 0.7±0.2 | 0.28 | 0.88 | 2.0±0.4 |
| | 2020 | 0.6±0.0 | 0.20 | 0.72 | 1.1±0.0 |
| | среднее | 0.7±0.4 | 0.25±0.03 | 0.83±0.06 | 2.3±0.8 |
| S-58 258 | 2018 | 1.2±0.1 | 0.29 | 0.78 | 2.8±0.1 |
| | 2019 | 0.7±0.1 | 0.15 | 0.51 | 1.0±0.2 |
| | 2020 | 0.7±0.0 | 0.15 | 0.54 | 1.1±0.1 |
| | среднее | 0.9±0.2 | 0.20±0.05 | 0.61±0.09 | 1.6±0.6 |
| S-59 259 | 2018 | 1.2±0.1 | 0.18 | 0.57 | 2.2±0.2 |
| | 2019 | 0.7±0.1 | 0.14 | 0.47 | 1.0±0.1 |
| | 2020 | 0.6±0.1 | 0.20 | 0.72 | 1.3±0.2 |
| | среднее | 0.8±0.2 | 0.17±0.02 | 0.59±0.07 | 1.5±0.4 |
| S-60 260 | 2018 | 1.0±0.1 | 0.28 | 0.85 | 2.8±0.3 |
| | 2019 | 0.7±0.1 | 0.19 | 0.64 | 1.3±0.2 |
| | 2020 | 0.5±0.0 | 0.20 | 0.72 | 1.1±0.0 |
| | среднее | 0.7±0.1 | 0.22±0.03 | 0.74±0.06 | 1.7±0.5 |
| S-61 261 | 2018 | 1.1±0.1 | 0.25 | 0.82 | 2.8±0.1 |
| | 2019 | 0.8±0.1 | 0.23 | 0.72 | 1.8±0.2 |
| | 2020 | 0.6±0.2 | 0.20 | 0.72 | 1.3±0.3 |
| | среднее | 0.8±0.1 | 0.23±0.01 | 0.75±0.03 | 2.0±0.4 |
| S-62 262 | 2018 | 1.4±0.2 | 0.25 | 0.77 | 3.6±0.4 |
| | 2019 | 0.9±0.2 | 0.18 | 0.60 | 1.5±0.3 |
| | 2020 | 0.6±0.1 | 0.20 | 0.71 | 1.2±0.2 |
| | среднее | 1.0±0.2 | 0.21±0.02 | 0.69±0.05 | 2.1±0.8 |
| S-63 263 | 2018 | 1.1±0.1 | 0.26 | 0.81 | 2.8±0.2 |
| | 2019 | 0.7±0.0 | 0.28 | 0.88 | 1.9±0.0 |
| | 2020 | 0.6±0.1 | 0.23 | 0.73 | 1.3±0.1 |
| | среднее | 0.8±0.2 | 0.26±0.01 | 0.81±0.04 | 2.0±0.4 |
| S-64 264 | 2018 | 1.5±0.5 | 0.20 | 0.67 | 3.0±1.0 |
| | 2019 | 0.7±0.3 | 0.25 | 0.80 | 1.7±0.7 |
| | 2020 | 0.6±0.0 | 0.18 | 0.62 | 1.1±0.0 |
| | среднее | 0.9±0.3 | 0.21±0.02 | 0.70±0.05 | 1.9±0.6 |
| S-65 265 | 2018 | 1.4±0.1 | 0.15 | 0.46 | 2.2±0.2 |
| | 2019 | 0.6±0.0 | 0.20 | 0.69 | 1.1±0.2 |
| | 2020 | 0.7±0.0 | 0.15 | 0.54 | 1.1±0.1 |
| | среднее | 0.9±0.3 | 0.17±0.02 | 0.56±0.07 | 1.5±0.4 |
| S-66 266 | 2018 | 1.7±0.3 | 0.21 | 0.60 | 3.7±0.7 |
| | 2019 | 0.7±0.1 | 0.11 | 0.36 | 0.7±0.1 |
| | 2020 | 0.8±0.2 | 0.10 | 0.36 | 0.8±0.2 |
| | среднее | 1.1±0.3 | 0.14±0.04 | 0.44±0.08 | 1.7±1.0 |
| S-67 267 | 2018 | 1.2±0.3 | 0.18 | 0.49 | 2.0±0.5 |
| | 2019 | 0.8±0.1 | 0.40 | 1.22 | 3.0±0.6 |
| | 2020 | 0.8±0.1 | 0.33 | 1.17 | 2.6±0.4 |
| | среднее | 0.9±0.1 | 0.30±0.06 | 0.96±0.24 | 2.5±0.3 |
| S-68 268 | 2018 | 1.5±0.5 | 0.23 | 0.76 | 3.4±1.1 |
| | 2019 | 0.7±0.0 | 0.17 | 0.54 | 1.2±0.1 |
| | 2020 | 0.6±0.1 | 0.16 | 0.57 | 1.0±0.2 |
| | среднее | 0.9±0.3 | 0.19±0.02 | 0.62±0.07 | 1.9±0.8 |
| S-69 269 | 2018 | 1.5±0.3 | 0.14 | 0.46 | 2.0±0.4 |
| | 2019 | 0.8±0.3 | 0.11 | 0.36 | 0.8±0.3 |
| | 2020 | 0.7±0.0 | 0.15 | 0.53 | 1.0±0.0 |
| | среднее | 1.0±0.3 | 0.13±0.01 | 0.45±0.05 | 1.3±0.4 |

Продолжение таблицы 1

| 1 | 2 | 3 | 4 | 5 | 6 |
|----------|---------|----------------|------------------|------------------|----------------|
| S-70 270 | 2018 | 1.0±0.1 | 0.30 | 1.01 | 3.1±0.2 |
| | 2019 | 0.8±0.0 | 0.24 | 0.69 | 1.8±0.1 |
| | 2020 | 0.9±0.4 | 0.13 | 0.45 | 1.1±0.5 |
| | среднее | 0.9±0.1 | 0.22±0.05 | 0.72±0.16 | 2.0±0.6 |
| S-71 271 | 2018 | 0.9±0.0 | 0.25 | 0.77 | 2.2±0.0 |
| | 2019 | 0.7±0.2 | 0.28 | 0.84 | 1.8±0.5 |
| | 2020 | 0.5±0.1 | 0.23 | 0.73 | 1.2±0.3 |
| | среднее | 0.7±0.1 | 0.25±0.01 | 0.78±0.03 | 1.7±0.3 |
| S-72 272 | 2018 | 1.0±0.2 | 0.26 | 0.81 | 2.5±0.4 |
| | 2019 | 0.5±0.0 | 0.18 | 0.56 | 0.9±0.0 |
| | 2020 | 0.6±0.0 | 0.15 | 0.49 | 1.0±0.1 |
| | среднее | 0.7±0.2 | 0.20±0.03 | 0.62±0.10 | 1.5±0.5 |
| S-73 273 | 2018 | 1.2±0.2 | 0.35 | 1.08 | 4.2±0.8 |
| | 2019 | 0.7±0.1 | 0.20 | 0.64 | 1.4±0.1 |
| | 2020 | 0.6±0.0 | 0.25 | 0.82 | 1.5±0.1 |
| | среднее | 0.8±0.2 | 0.27±0.04 | 0.85±0.13 | 2.4±0.9 |
| S-74 274 | 2018 | 1.4±0.1 | 0.30 | 1.01 | 4.1±0.4 |
| | 2019 | 0.6±0.0 | 0.25 | 0.72 | 1.4±0.0 |
| | 2020 | 0.5±0.2 | 0.21 | 0.70 | 1.1±0.5 |
| | среднее | 0.8±0.3 | 0.25±0.03 | 0.81±0.10 | 2.2±1.0 |
| S-75 275 | 2018 | 1.2±0.2 | 0.25 | 0.82 | 2.9±0.4 |
| | 2019 | 0.7±0.0 | 0.30 | 0.87 | 2.0±0.1 |
| | 2020 | 0.7±0.1 | 0.25 | 0.88 | 1.8±0.3 |
| | среднее | 0.9±0.2 | 0.27±0.02 | 0.86±0.02 | 2.2±0.3 |
| S-76 276 | 2018 | 1.4±0.3 | 0.25 | 0.77 | 3.4±0.6 |
| | 2019 | 0.7±0.2 | 0.25 | 0.72 | 1.8±0.4 |
| | 2020 | 0.7±0.1 | 0.30 | 1.06 | 2.0±0.4 |
| | среднее | 0.9±0.2 | 0.27±0.02 | 0.85±0.11 | 2.4±0.5 |
| S-77 277 | 2018 | 1.5±0.1 | 0.21 | 0.65 | 3.1±0.2 |
| | 2019 | 0.7±0.0 | 0.26 | 0.80 | 1.8±0.0 |
| | 2020 | 0.5±0.1 | 0.15 | 0.53 | 0.8±0.1 |
| | среднее | 0.9±0.3 | 0.21±0.03 | 0.66±0.08 | 1.9±0.7 |
| S-78 278 | 2018 | 1.1±0.0 | 0.20 | 0.62 | 2.2±0.0 |
| | 2019 | 0.7±0.0 | 0.35 | 1.06 | 2.4±0.0 |
| | 2020 | 0.5±0.2 | 0.15 | 0.49 | 0.7±0.4 |
| | среднее | 0.8±0.2 | 0.23±0.06 | 0.72±0.17 | 1.8±0.5 |
| S-79 279 | 2018 | 1.5±0.7 | 0.20 | 0.62 | 3.1±1.4 |
| | 2019 | 0.6±0.1 | 0.15 | 0.46 | 0.8±0.1 |
| | 2020 | 0.7±0.1 | 0.15 | 0.53 | 1.1±0.1 |
| | среднее | 0.9±0.3 | 0.17±0.02 | 0.54±0.05 | 1.7±0.7 |
| S-80 280 | 2018 | 1.3±0.1 | 0.16 | 0.53 | 2.1±0.2 |
| | 2019 | 0.7±0.0 | 0.23 | 0.65 | 1.5±0.1 |
| | 2020 | 0.7±0.1 | 0.14 | 0.49 | 0.9±0.1 |
| | среднее | 0.9±0.2 | 0.18±0.03 | 0.56±0.05 | 1.5±0.3 |
| S-81 281 | 2018 | 0.7±0.2 | 0.30 | 0.92 | 2.2±0.4 |
| | 2019 | 0.8±0.0 | 0.19 | 0.54 | 1.5±0.0 |
| | 2020 | 0.5±0.0 | 0.20 | 0.65 | 0.9±0.0 |
| | среднее | 0.7±0.1 | 0.23±0.04 | 0.70±0.11 | 1.5±0.4 |
| S-82 282 | 2018 | 1.0±0.2 | 0.23 | 0.74 | 2.3±0.3 |
| | 2019 | 0.6±0.1 | 0.30 | 0.91 | 1.7±0.3 |
| | 2020 | 0.5±0.0 | 0.28 | 0.83 | 1.3±0.1 |
| | среднее | 0.7±0.2 | 0.27±0.02 | 0.83±0.05 | 1.8±0.3 |
| S-83 283 | 2018 | 1.3±0.3 | 0.25 | 0.82 | 3.3±0.7 |
| | 2019 | 0.6±0.1 | 0.18 | 0.53 | 1.1±0.1 |
| | 2020 | 0.6±0.1 | 0.20 | 0.60 | 1.2±0.1 |
| | среднее | 0.8±0.2 | 0.21±0.02 | 0.65±0.09 | 1.9±0.7 |

Продолжение таблицы 1

| 1 | 2 | 3 | 4 | 5 | 6 |
|----------|---------|----------------|------------------|------------------|----------------|
| S-84 284 | 2018 | 1.0±0.2 | 0.33 | 1.00 | 3.2±0.6 |
| | 2019 | 0.7±0.1 | 0.19 | 0.57 | 1.2±0.1 |
| | 2020 | 0.6±0.1 | 0.25 | 0.87 | 1.5±0.3 |
| | среднее | 0.8±0.1 | 0.26±0.04 | 0.81±0.13 | 2.0±0.6 |
| S-85 285 | 2018 | 0.9±0.0 | 0.50 | 1.54 | 4.3±0.1 |
| | 2019 | 0.9±0.1 | 0.13 | 0.40 | 1.1±0.2 |
| | 2020 | 0.5±0.1 | 0.30 | 0.90 | 1.6±0.2 |
| | среднее | 0.8±0.1 | 0.31±0.11 | 0.95±0.33 | 2.3±1.0 |
| S-86 286 | 2018 | 1.0±0.1 | 0.23 | 0.69 | 2.3±0.3 |
| | 2019 | 0.8±0.2 | 0.29 | 0.87 | 2.4±0.5 |
| | 2020 | 0.5±0.1 | 0.25 | 0.80 | 1.4±0.2 |
| | среднее | 0.8±0.1 | 0.26±0.02 | 0.79±0.05 | 2.0±0.3 |
| S-87 287 | 2018 | 1.5±0.1 | 0.35 | 1.08 | 5.1±0.4 |
| | 2019 | 0.6±0.2 | 0.19 | 0.60 | 1.2±0.3 |
| | 2020 | 0.7±0.0 | 0.25 | 0.75 | 1.7±0.0 |
| | среднее | 0.9±0.3 | 0.26±0.05 | 0.81±0.14 | 2.7±1.2 |
| S-88 288 | 2018 | 1.2±0.5 | 0.35 | 1.08 | 4.3±1.7 |
| | 2019 | 0.7±0.2 | 0.40 | 1.29 | 2.6±0.9 |
| | 2020 | 0.4±0.1 | 0.25 | 0.80 | 1.0±0.2 |
| | среднее | 0.8±0.2 | 0.33±0.04 | 1.06±0.14 | 2.6±1.0 |
| S-89 289 | 2018 | 1.1±0.0 | 0.35 | 1.08 | 3.7±0.1 |
| | 2019 | 0.8±0.0 | 0.23 | 0.65 | 1.9±0.0 |
| | 2020 | 0.9±0.1 | 0.30 | 0.90 | 2.6±0.4 |
| | среднее | 0.9±0.1 | 0.29±0.03 | 0.88±0.12 | 2.7±0.5 |
| S-90 290 | 2018 | 1.4±0.0 | 0.06 | 0.21 | 0.9±0.0 |
| | 2019 | 0.7±0.1 | 0.20 | 0.61 | 1.4±0.1 |
| | 2020 | 0.7±0.2 | 0.10 | 0.35 | 0.7±0.2 |
| | среднее | 0.9±0.2 | 0.12±0.04 | 0.39±0.12 | 1.0±0.2 |
| S-91 291 | 2018 | 1.0±0.1 | 0.20 | 0.66 | 2.1±0.1 |
| | 2019 | 0.7±0.0 | 0.34 | 0.97 | 2.3±0.1 |
| | 2020 | 0.6±0.2 | 0.30 | 0.90 | 1.8±0.5 |
| | среднее | 0.8±0.1 | 0.28±0.04 | 0.84±0.09 | 2.1±0.1 |
| S-92 292 | 2018 | 1.0±0.1 | 0.20 | 0.66 | 2.0±0.2 |
| | 2019 | 0.6±0.1 | 0.17 | 0.54 | 1.0±0.1 |
| | 2020 | 0.4±0.0 | 0.18 | 0.56 | 0.8±0.1 |
| | среднее | 0.7±0.2 | 0.18±0.01 | 0.59±0.04 | 1.3±0.4 |
| S-93 293 | 2018 | 1.4±0.0 | 0.20 | 0.66 | 2.9±0.1 |
| | 2019 | 0.5±0.1 | 0.16 | 0.50 | 0.9±0.2 |
| | 2020 | 0.8±0.0 | 0.18 | 0.53 | 1.4±0.1 |
| | среднее | 0.9±0.3 | 0.18±0.01 | 0.56±0.05 | 1.7±0.6 |
| S-94 294 | 2018 | 1.3±0.1 | 0.20 | 0.66 | 2.7±0.1 |
| | 2019 | 0.6±0.0 | 0.09 | 0.25 | 0.5±0.0 |
| | 2020 | 0.6±0.1 | 0.15 | 0.45 | 0.9±0.2 |
| | среднее | 0.8±0.2 | 0.15±0.03 | 0.45±0.12 | 1.4±0.7 |
| S-95 295 | 2018 | 1.1±0.4 | 0.30 | 0.97 | 3.3±1.1 |
| | 2019 | 0.8±0.1 | 0.19 | 0.53 | 1.5±0.1 |
| | 2020 | 0.5±0.2 | 0.20 | 0.69 | 1.0±0.4 |
| | среднее | 0.8±0.2 | 0.23±0.04 | 0.73±0.13 | 1.9±0.7 |
| S-96 296 | 2018 | 1.2±0.4 | 0.30 | 0.95 | 3.6±1.2 |
| | 2019 | 0.6±0.1 | 0.11 | 0.32 | 0.6±0.1 |
| | 2020 | 0.8±0.2 | 0.18 | 0.61 | 1.4±0.4 |
| | среднее | 0.9±0.2 | 0.20±0.06 | 0.63±0.18 | 1.9±0.9 |
| S-97 297 | 2018 | 1.2±0.5 | 0.20 | 0.55 | 2.3±1.0 |
| | 2019 | 0.7±0.1 | 0.19 | 0.53 | 1.2±0.1 |
| | 2020 | 0.8±0.3 | 0.40 | 1.21 | 3.1±1.4 |
| | среднее | 0.9±0.2 | 0.26±0.07 | 0.76±0.22 | 2.2±0.6 |

Продолжение таблицы 1

| 1 | 2 | 3 | 4 | 5 | 6 |
|----------------------------------|---------|----------------|------------------|------------------|----------------|
| S-98 298 | 2018 | 1.2±0.1 | 0.30 | 0.97 | 3.7±0.3 |
| | 2019 | 0.4±0.1 | 0.10 | 0.30 | 0.4±0.1 |
| | 2020 | 0.5±0.1 | 0.23 | 0.72 | 1.0±0.3 |
| | среднее | 0.7±0.3 | 0.21±0.06 | 0.66±0.20 | 1.7±1.0 |
| S-99 299 | 2018 | 1.4±0.2 | 0.24 | 0.83 | 3.3±0.3 |
| | 2019 | 0.8±0.1 | 0.08 | 0.22 | 0.6±0.0 |
| | 2020 | 0.8±0.2 | 0.24 | 0.76 | 1.8±0.6 |
| | среднее | 1.0±0.2 | 0.19±0.05 | 0.60±0.19 | 1.9±0.8 |
| S-100 300 | 2018 | 1.2±0.0 | 0.16 | 0.53 | 1.9±0.1 |
| | 2019 | 0.7±0.1 | 0.15 | 0.42 | 1.1±0.1 |
| | 2020 | 0.7±0.1 | 0.23 | 0.78 | 1.7±0.2 |
| | среднее | 0.9±0.2 | 0.18±0.03 | 0.58±0.11 | 1.6±0.2 |
| S-101 301 | 2018 | 1.2±0.3 | 0.10 | 0.33 | 1.2±0.3 |
| | 2019 | 0.7±0.0 | 0.15 | 0.45 | 1.0±0.1 |
| | 2020 | 0.6±0.1 | 0.25 | 0.80 | 1.5±0.2 |
| | среднее | 0.8±0.2 | 0.17±0.04 | 0.53±0.14 | 1.2±0.1 |
| S-102 504 АИС | 2018 | 1.3±0.1 | 0.25 | 0.75 | 3.2±0.2 |
| | 2019 | 0.8±0.0 | 0.11 | 0.32 | 0.9±0.0 |
| | 2020 | 0.9±0.1 | 0.25 | 0.87 | 2.3±0.3 |
| | среднее | 1.0±0.2 | 0.20±0.05 | 0.65±0.17 | 2.1±0.7 |
| S-103 505 Аист | 2018 | 1.5±0.1 | 0.30 | 0.90 | 4.6±0.3 |
| | 2019 | 0.9±0.2 | 0.09 | 0.26 | 0.8±0.2 |
| | 2020 | 0.3±0.1 | 0.18 | 0.63 | 0.6±0.2 |
| | среднее | 0.9±0.3 | 0.19±0.06 | 0.60±0.19 | 2.0±1.3 |
| S-104 506 сорт Ай-Тодор* | 2018 | 0.9±0.1 | 0.19 | 0.55 | 1.4±0.4 |
| | 2019 | 0.5±0.0 | 0.30 | 0.93 | 1.5±0.0 |
| | 2020 | 1.1±0.3 | 0.24 | 0.92 | 2.6±0.6 |
| | среднее | 0.8±0.2 | 0.24±0.03 | 0.80±0.13 | 1.8±0.4 |
| S-105 507 сорт Крымский поздний* | 2018 | 0.8±0.0 | 0.25 | 0.82 | 1.9±0.0 |
| | 2019 | 0.5±0.1 | 0.26 | 0.76 | 1.3±0.2 |
| | 2020 | 0.9±0.0 | 0.30 | 1.07 | 2.6±0.1 |
| | среднее | 0.7±0.1 | 0.27±0.02 | 0.88±0.09 | 1.9±0.4 |
| S-106 508 сорт Ранний* | 2018 | 1.4±0.0 | 0.30 | 0.95 | 4.2±0.1 |
| | 2019 | 0.7±0.2 | 0.18 | 0.49 | 1.3±0.1 |
| | 2020 | 0.5±0.0 | 0.29 | 1.01 | 1.4±0.1 |
| | среднее | 0.9±0.3 | 0.26±0.04 | 0.82±0.16 | 2.3±1.0 |
| S-107 509 сорт Мрия | 2018 | 1.6±0.1 | 0.33 | 0.98 | 5.1±0.4 |
| | 2019 | 0.7±0.0 | 0.10 | 0.30 | 0.7±0.0 |
| | 2020 | 0.6±0.0 | 0.25 | 0.90 | 1.6±0.1 |
| | среднее | 1.0±0.3 | 0.23±0.07 | 0.73±0.21 | 2.5±1.3 |
| S-108 510 Н-1 | 2018 | 1.4±0.3 | 0.23 | 0.69 | 3.1±0.6 |
| | 2019 | 0.8±0.2 | 0.14 | 0.41 | 1.1±0.2 |
| | 2020 | 0.7±0.2 | 0.38 | 1.31 | 2.7±0.8 |
| | среднее | 1.0±0.2 | 0.25±0.07 | 0.80±0.27 | 2.3±0.6 |
| S-109 511 сорт Орфей* | 2018 | 1.1±0.4 | 0.20 | 0.60 | 2.2±0.8 |
| | 2019 | 0.8±0.0 | 0.21 | 0.64 | 1.6±0.1 |
| | 2020 | 0.8±0.0 | 0.18 | 0.71 | 1.4±0.0 |
| | среднее | 0.9±0.1 | 0.20±0.01 | 0.65±0.03 | 1.7±0.2 |
| S-110 512 сорт С 785* | 2018 | 1.6±0.6 | 0.20 | 0.57 | 3.2±1.1 |
| | 2019 | 0.9±0.1 | 0.11 | 0.34 | 1.0±0.1 |
| | 2020 | 1.1±0.0 | 0.30 | 1.07 | 3.3±0.1 |
| | среднее | 1.2±0.2 | 0.20±0.05 | 0.66±0.22 | 2.5±0.8 |
| S-111 513 сорт Тайган* | 2018 | 1.1±0.4 | 0.20 | 0.60 | 2.2±0.8 |
| | 2019 | 0.9±0.1 | 0.23 | 0.78 | 2.2±0.2 |
| | 2020 | 0.8±0.0 | 0.21 | 0.73 | 1.7±0.0 |
| | среднее | 0.9±0.1 | 0.21±0.01 | 0.70±0.05 | 2.0±0.2 |

Окончание таблицы 1

| 1 | 2 | 3 | 4 | 5 | 6 |
|--------------------------------|---------|----------------|------------------|------------------|----------------|
| S-112 514 сорт Ультраранний | 2018 | 1.3±0.1 | 0.15 | 0.49 | 1.9±0.1 |
| | 2019 | 0.8±0.2 | 0.25 | 0.78 | 2.0±0.4 |
| | 2020 | 0.6±0.1 | 0.20 | 0.70 | 1.3±0.1 |
| | среднее | 0.9±0.2 | 0.20±0.03 | 0.66±0.09 | 1.7±0.2 |

Таблица 2. Содержание основных компонентов эфирного масла и содержание склареола в сырье коллекционных образцов шалфея мускатного

| Образец | Год | Содержание основных компонентов эфирного масла, % | | Массовая доля склареола, % | | Сбор склареола, г/дел. |
|----------|---------|---|-----------------|----------------------------|--------------------------|------------------------|
| | | линалоол | линалилацетат | от сырой массы | от абсолютно сухой массы | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| S-1 201 | 2018 | 11.1 | 51.1 | – | – | – |
| | 2019 | 21.3 | 41.0 | 0.84 | 2.88 | 7.9 |
| | 2020 | 5.1 | 26.1 | 0.66 | 0.86 | 3.1 |
| | среднее | 12.5±4.7 | 39.4±7.2 | | | |
| S-2 202 | 2018 | – | – | 0.26 | 0.84 | 3.6 |
| | 2019 | 15.8 | 60.8 | 0.84 | 2.87 | 7.8 |
| | 2020 | 10.5 | 50.2 | 0.91 | 1.29 | 4.7 |
| | среднее | 13.2±2.6 | 55.5±5.3 | | | |
| S-3 203 | 2018 | 18.0 | 44.6 | 0.56 | 1.99 | 6.2 |
| | 2019 | 10.9 | 57.0 | 1.01 | 3.96 | 6.9 |
| | 2020 | 13.0 | 60.8 | 0.51 | 0.71 | 1.6 |
| | среднее | 13.9±2.1 | 54.1±4.9 | | | |
| S-4 204 | 2018 | 19.8 | 51.6 | 0.52 | 1.69 | 7.5 |
| | 2019 | 13.9 | 62.0 | 0.72 | 2.81 | 5.9 |
| | 2020 | 12.2 | 48.4 | 1.67 | 2.19 | 7.9 |
| | среднее | 15.3±2.3 | 54.0±4.1 | | | |
| S-5 205 | 2018 | 16.1 | 48.7 | 0.48 | 1.35 | 5.2 |
| | 2019 | 12.3 | 61.1 | 0.52 | 2.04 | 5.2 |
| | 2020 | – | – | 0.41 | 0.54 | 5.9 |
| | среднее | 14.2±1.9 | 54.9±6.2 | | | |
| S-6 206 | 2018 | 15.2 | 49.1 | 0.65 | 1.85 | 8.4 |
| | 2019 | 13.2 | 41.4 | 0.70 | – | 6.4 |
| | 2020 | 8.5 | 51.0 | 0.36 | 0.46 | 8.0 |
| | среднее | 12.3±2.0 | 47.2±2.9 | | | |
| S-7 207 | 2018 | 18.2 | 47.2 | 0.49 | 1.40 | 6.6 |
| | 2019 | 14.8 | 60.7 | 0.55 | 2.16 | 5.4 |
| | 2020 | – | – | 0.62 | 0.87 | 4.9 |
| | среднее | 16.5±1.7 | 54.0±6.8 | | | |
| S-8 208 | 2018 | 14.2 | 38.8 | 0.37 | 1.06 | 4.4 |
| | 2019 | 14.3 | 63.6 | 0.70 | 2.75 | 6.5 |
| | 2020 | 8.4 | 44.3 | 0.59 | 0.78 | 9.6 |
| | среднее | 12.3±1.9 | 48.9±7.5 | | | |
| S-9 209 | 2018 | 13.9 | 50.4 | 0.54 | 1.52 | 6.5 |
| | 2019 | 11.9 | 64.5 | 0.71 | 2.77 | 7.4 |
| | 2020 | 8.1 | 44.2 | 0.54 | 0.75 | 2.0 |
| | среднее | 11.3±1.7 | 53.0±6.0 | | | |
| S-10 210 | 2018 | 18.8 | 51.4 | 0.66 | 1.89 | 10.5 |
| | 2019 | 12.7 | 63.9 | 0.72 | 2.83 | 4.9 |
| | 2020 | 13.3 | 57.2 | 0.98 | 1.33 | 8.8 |
| | среднее | 14.9±1.9 | 57.5±3.6 | | | |
| S-11 211 | 2018 | 16.1 | 44.6 | 0.56 | 1.60 | 5.4 |
| | 2019 | 13.5 | 60.3 | 0.54 | 2.13 | 5.8 |
| | 2020 | 9.9 | 54.7 | 0.40 | 0.52 | 6.9 |
| | среднее | 13.2±1.8 | 53.2±4.6 | | | |

Продолжение таблицы 2

| <i>1</i> | <i>2</i> | <i>3</i> | <i>4</i> | <i>5</i> | <i>6</i> | <i>7</i> |
|----------|----------|-----------------|-----------------|----------|----------|----------|
| S-12 212 | 2018 | 10.9 | 52.0 | 0.61 | 1.69 | 7.0 |
| | 2019 | 16.8 | 38.0 | 0.56 | 2.52 | 6.2 |
| | 2020 | 13.3 | 46.4 | 0.31 | 0.41 | 4.8 |
| | среднее | 13.7±1.7 | 45.4±4.1 | | | |
| S-13 213 | 2018 | 18.1 | 47.0 | 0.68 | 1.90 | 7.8 |
| | 2019 | 8.8 | 48.6 | 0.74 | 2.62 | 7.1 |
| | 2020 | 12.0 | 47.7 | 0.31 | 0.41 | 8.3 |
| | среднее | 13.0±2.7 | 47.8±0.5 | | | |
| S-14 214 | 2018 | 17.0 | 45.5 | 0.55 | 1.55 | 6.2 |
| | 2019 | 13.0 | 60.6 | 0.69 | 2.70 | 7.2 |
| | 2020 | 13.0 | 48.4 | 0.21 | 0.27 | 5.1 |
| | среднее | 14.3±1.3 | 51.5±4.6 | | | |
| S-15 215 | 2018 | 16.3 | 47.7 | 0.59 | 1.68 | 5.7 |
| | 2019 | 16.3 | 50.2 | 0.70 | 2.96 | 6.6 |
| | 2020 | 12.6 | 47.5 | 1.78 | 2.41 | 6.0 |
| | среднее | 15.1±1.2 | 48.5±0.9 | | | |
| S-16 216 | 2018 | 8.7 | 53.7 | 0.43 | 1.23 | 5.7 |
| | 2019 | 15.0 | 51.5 | 0.55 | 2.35 | 5.6 |
| | 2020 | 16.0 | 40.5 | 1.56 | 2.11 | 6.3 |
| | среднее | 13.2±2.3 | 48.6±4.1 | | | |
| S-17 217 | 2018 | 17.9 | 49.8 | 0.63 | 2.24 | 7.7 |
| | 2019 | 14.1 | 56.3 | 0.72 | 2.54 | 7.2 |
| | 2020 | 12.2 | 46.0 | 0.76 | 1.02 | 5.6 |
| | среднее | 14.7±1.7 | 50.7±3.0 | | | |
| S-18 218 | 2018 | 19.6 | 51.4 | 0.68 | 1.91 | 9.1 |
| | 2019 | 11.2 | 47.9 | 0.53 | 2.06 | 3.5 |
| | 2020 | 13.2 | 45.9 | 0.74 | 1.00 | 6.0 |
| | среднее | 14.7±2.6 | 48.4±1.6 | | | |
| S-19 219 | 2018 | 16.8 | 49.3 | 0.55 | 1.54 | 6.0 |
| | 2019 | 14.6 | 51.2 | 0.51 | 1.89 | 4.0 |
| | 2020 | 11.4 | 61.0 | 2.00 | 2.69 | 8.9 |
| | среднее | 14.3±1.5 | 53.8±3.6 | | | |
| S-20 220 | 2018 | 14.9 | 48.5 | 0.53 | 1.47 | 8.1 |
| | 2019 | 13.4 | 49.4 | 0.68 | 2.88 | 7.0 |
| | 2020 | 13.7 | 43.5 | 1.85 | 2.42 | 6.6 |
| | среднее | 14.0±0.5 | 47.1±1.8 | | | |
| S-21 221 | 2018 | 15.7 | 49.8 | 0.55 | 1.53 | 8.5 |
| | 2019 | 16.7 | 50.8 | 0.71 | 2.51 | 6.8 |
| | 2020 | 18.1 | 48.3 | 0.76 | 1.02 | 5.2 |
| | среднее | 16.8±0.7 | 49.6±0.7 | | | |
| S-22 222 | 2018 | 13.5 | 44.9 | 0.40 | 1.12 | 5.0 |
| | 2019 | – | – | 0.68 | 2.52 | 5.7 |
| | 2020 | 9.4 | 36.2 | 0.65 | 0.85 | 4.5 |
| | среднее | 11.4±2.0 | 40.5±4.3 | | | |
| S-23 223 | 2018 | 5.0 | 26.0 | 0.35 | 0.98 | 5.8 |
| | 2019 | 17.4 | 47.5 | 0.58 | 2.14 | 3.8 |
| | 2020 | 12.4 | 50.9 | 0.54 | 0.70 | 6.4 |
| | среднее | 11.6±3.6 | 41.5±7.8 | | | |
| S-24 224 | 2018 | 14.3 | 40.0 | 0.44 | 1.45 | 8.2 |
| | 2019 | 13.6 | 57.7 | 0.61 | 1.97 | 2.8 |
| | 2020 | 13.5 | 55.5 | 1.97 | 2.57 | 6.1 |
| | среднее | 13.8±0.3 | 51.1±5.6 | | | |
| S-25 225 | 2018 | 16.8 | 54.8 | 0.63 | 1.76 | 9.3 |
| | 2019 | 10.7 | 42.9 | 0.62 | 2.30 | 6.6 |
| | 2020 | 9.7 | 51.2 | 0.46 | 0.59 | 6.0 |
| | среднее | 12.4±2.2 | 49.6±3.5 | | | |

Продолжение таблицы 2

| <i>1</i> | <i>2</i> | <i>3</i> | <i>4</i> | <i>5</i> | <i>6</i> | <i>7</i> |
|----------|----------|-----------------|-----------------|----------|----------|----------|
| S-26 226 | 2018 | 18.0 | 52.6 | 0.49 | 1.36 | 6.6 |
| | 2019 | 15.9 | 52.0 | 0.59 | 2.19 | 5.8 |
| | 2020 | 9.9 | 55.0 | 0.63 | 0.82 | 5.9 |
| | среднее | 14.6±2.4 | 53.2±0.9 | | | |
| S-27 227 | 2018 | 21.1 | 57.1 | 0.49 | 1.64 | 6.6 |
| | 2019 | 16.9 | 54.9 | 0.52 | 1.93 | 4.3 |
| | 2020 | 9.7 | 57.1 | 0.41 | 0.53 | 4.1 |
| | среднее | 15.9±3.3 | 56.4±0.8 | | | |
| S-28 228 | 2018 | 18.5 | 55.3 | 0.44 | 1.47 | 6.8 |
| | 2019 | 13.4 | 39.1 | 0.62 | 2.82 | 5.7 |
| | 2020 | 13.9 | 55.2 | 0.47 | 0.66 | 3.5 |
| | среднее | 15.3±1.6 | 49.9±5.4 | | | |
| S-29 229 | 2018 | 17.9 | 52.2 | 0.57 | 1.74 | 7.5 |
| | 2019 | 15.7 | 55.1 | 0.54 | 1.88 | 4.6 |
| | 2020 | 14.7 | 56.4 | 2.16 | 2.92 | 6.8 |
| | среднее | 16.1±1.0 | 54.6±1.2 | | | |
| S-30 230 | 2018 | 20.2 | 56.6 | 0.66 | 2.23 | 11.5 |
| | 2019 | 18.0 | 55.9 | 0.56 | 1.96 | 5.8 |
| | 2020 | – | – | 0.30 | 0.40 | 6.7 |
| | среднее | 19.1±1.1 | 56.2±0.3 | | | |
| S-31 231 | 2018 | 20.1 | 51.4 | 0.66 | 1.85 | 9.0 |
| | 2019 | 16.0 | 53.5 | 0.72 | 2.67 | 7.8 |
| | 2020 | 11.3 | 51.5 | 0.45 | 0.61 | 4.8 |
| | среднее | 15.8±2.5 | 52.1±0.7 | | | |
| S-32 232 | 2018 | 11.9 | 52.9 | 0.48 | 1.35 | 7.4 |
| | 2019 | 17.4 | 49.9 | 0.61 | 2.25 | 5.0 |
| | 2020 | 15.7 | 54.1 | 0.61 | 0.86 | 4.0 |
| | среднее | 15.0±1.6 | 52.3±1.3 | | | |
| S-33 233 | 2018 | 9.6 | 39.5 | 0.41 | 1.28 | 6.9 |
| | 2019 | 20.9 | 54.4 | 0.77 | 2.73 | 6.9 |
| | 2020 | 16.1 | 57.4 | 0.68 | 0.92 | 7.7 |
| | среднее | 15.5±3.3 | 50.5±5.5 | | | |
| S-34 234 | 2018 | 13.4 | 49.4 | 0.60 | 1.68 | 9.9 |
| | 2019 | 14.7 | 57.3 | 0.64 | 2.06 | 5.5 |
| | 2020 | 16.9 | 51.7 | 0.54 | 0.73 | 5.2 |
| | среднее | 15.0±1.0 | 52.8±2.4 | | | |
| S-35 235 | 2018 | 13.4 | 49.3 | 0.55 | 1.53 | 11.3 |
| | 2019 | 18.4 | 51.5 | 0.71 | 2.52 | 7.1 |
| | 2020 | 13.0 | 53.6 | 0.50 | 0.69 | 5.0 |
| | среднее | 14.9±1.8 | 51.7±1.2 | | | |
| S-36 236 | 2018 | 15.5 | 50.2 | 0.56 | 1.56 | 9.2 |
| | 2019 | 13.3 | 54.6 | 0.58 | 2.14 | 4.7 |
| | 2020 | 13.2 | 59.5 | 0.51 | 0.69 | 5.2 |
| | среднее | 14.0±0.7 | 54.8±2.7 | | | |
| S-37 237 | 2018 | 19.6 | 56.0 | 0.65 | 1.81 | 7.7 |
| | 2019 | 17.4 | 51.6 | 0.59 | 2.09 | 5.8 |
| | 2020 | 12.3 | 55.5 | | | 4.5 |
| | среднее | 16.4±2.2 | 54.4±1.4 | | | |
| S-38 238 | 2018 | 14.2 | 47.6 | 0.53 | 1.48 | 6.7 |
| | 2019 | 13.9 | 48.6 | 0.44 | 1.52 | 3.5 |
| | 2020 | 9.8 | 47.7 | | | 3.1 |
| | среднее | 12.6±1.4 | 48.0±0.3 | | | |
| S-39 239 | 2018 | 21.5 | 52.5 | 0.85 | 2.38 | 11.1 |
| | 2019 | 9.8 | 45.5 | 0.40 | 1.37 | 3.4 |
| | 2020 | 12.3 | 50.3 | 0.39 | 0.52 | 3.4 |
| | среднее | 14.5±3.6 | 49.4±2.0 | | | |

Продолжение таблицы 2

| <i>I</i> | 2 | 3 | 4 | 5 | 6 | 7 |
|----------|---------|-----------------|------------------|------|------|-----|
| S-40 240 | 2018 | 14.0 | 58.2 | 0.75 | 2.32 | 9.5 |
| | 2019 | 8.4 | 45.0 | 0.54 | 2.43 | 4.9 |
| | 2020 | 12.9 | 53.1 | 0.59 | 0.80 | 5.9 |
| | среднее | 11.8±1.7 | 52.1±3.8 | | | |
| S-41 241 | 2018 | 11.6 | 51.5 | 0.52 | 1.60 | 6.8 |
| | 2019 | 11.0 | 41.5 | 0.50 | 1.71 | 4.9 |
| | 2020 | – | – | 0.44 | 0.58 | 2.0 |
| | среднее | 11.3±0.3 | 46.5±5.0 | | | |
| S-42 242 | 2018 | 12.3 | 56.2 | 0.35 | 1.16 | 5.4 |
| | 2019 | – | – | 0.42 | 1.43 | 3.9 |
| | 2020 | 6.0 | 28.1 | 0.43 | 0.57 | 2.4 |
| | среднее | 9.2±3.2 | 42.1±14.0 | | | |
| S-43 243 | 2018 | 13.9 | 50.4 | 0.36 | 1.12 | 6.4 |
| | 2019 | 19.7 | 57.8 | 0.59 | 1.90 | 6.2 |
| | 2020 | 13.1 | 52.6 | 0.54 | 0.73 | 7.2 |
| | среднее | 15.5±2.1 | 53.6±2.2 | | | |
| S-44 244 | 2018 | 12.0 | 47.0 | 0.45 | 1.40 | 8.2 |
| | 2019 | 23.1 | 53.9 | 0.57 | 1.84 | 5.8 |
| | 2020 | 10.7 | 48.1 | 0.39 | 0.52 | 2.5 |
| | среднее | 15.3±3.9 | 49.7±2.1 | | | |
| S-45 245 | 2018 | 17.8 | 46.2 | 0.42 | 1.36 | 8.2 |
| | 2019 | 10.0 | 39.5 | 0.46 | 1.59 | 4.8 |
| | 2020 | 15.0 | 48.4 | 0.46 | 0.62 | 6.0 |
| | среднее | 14.3±2.3 | 44.7±2.7 | | | |
| S-46 246 | 2018 | 12.8 | 49.3 | 0.45 | 1.38 | 6.7 |
| | 2019 | 18.0 | 53.4 | 0.63 | 2.03 | 4.2 |
| | 2020 | 16.0 | 51.6 | 0.53 | 0.72 | 4.6 |
| | среднее | 15.6±1.5 | 51.4±1.2 | | | |
| S-47 247 | 2018 | 14.4 | 45.5 | 0.39 | 1.29 | 5.9 |
| | 2019 | 20.6 | 53.3 | 0.63 | 2.02 | 5.4 |
| | 2020 | 12.6 | 54.6 | 0.49 | 0.66 | 4.4 |
| | среднее | 15.9±2.4 | 51.1±2.8 | | | |
| S-48 248 | 2018 | 16.2 | 54.4 | 0.43 | 1.41 | 5.1 |
| | 2019 | 17.9 | 54.6 | 0.56 | 1.80 | 4.7 |
| | 2020 | 8.8 | 51.0 | 1.01 | 1.34 | 4.6 |
| | среднее | 14.3±2.8 | 53.3±1.2 | | | |
| S-49 249 | 2018 | 16.4 | 56.8 | 0.54 | 1.66 | 6.6 |
| | 2019 | 15.9 | 49.6 | 0.69 | 2.23 | 6.3 |
| | 2020 | 5.0 | 38.8 | 0.45 | 0.59 | 2.1 |
| | среднее | 12.4±3.7 | 48.4±5.2 | | | |
| S-50 250 | 2018 | – | – | 0.45 | 1.46 | 7.4 |
| | 2019 | 13.6 | 55.1 | 0.69 | 2.22 | 6.1 |
| | 2020 | 8.5 | 42.6 | 0.50 | 0.66 | 3.9 |
| | среднее | 11.0±2.6 | 48.9±6.3 | | | |
| S-51 251 | 2018 | 15.4 | 55.1 | 0.52 | 1.59 | 8.1 |
| | 2019 | 17.4 | 52.4 | 0.60 | 1.92 | 4.8 |
| | 2020 | 10.5 | 60.7 | 0.49 | 0.65 | 4.3 |
| | среднее | 14.4±2.1 | 56.1±2.5 | | | |
| S-52 252 | 2018 | 12.1 | 50.0 | 0.53 | 1.63 | 6.9 |
| | 2019 | 17.9 | 56.3 | 0.60 | 1.94 | 5.6 |
| | 2020 | 8.0 | 48.2 | 0.89 | 1.18 | 3.9 |
| | среднее | 12.6±2.9 | 51.5±2.5 | | | |
| S-53 253 | 2018 | 20.1 | 57.3 | 0.69 | 2.12 | 8.7 |
| | 2019 | 13.6 | 50.0 | 0.60 | 2.05 | 4.2 |
| | 2020 | 10.7 | 59.7 | 1.06 | 1.41 | 6.1 |
| | среднее | 14.8±2.8 | 55.7±2.9 | | | |

Продолжение таблицы 2

| <i>1</i> | <i>2</i> | <i>3</i> | <i>4</i> | <i>5</i> | <i>6</i> | <i>7</i> |
|----------|----------|-----------------|-----------------|----------|----------|----------|
| S-54 254 | 2018 | 18.2 | 51.4 | 0.48 | 1.59 | 7.7 |
| | 2019 | 17.8 | 58.6 | 0.55 | 1.77 | 4.2 |
| | 2020 | 14.4 | 40.9 | 0.41 | 0.55 | 4.1 |
| | среднее | 16.8±1.2 | 50.3±5.1 | | | |
| S-55 255 | 2018 | 8.4 | 45.5 | 0.43 | 1.32 | 6.5 |
| | 2019 | 19.3 | 54.0 | 0.48 | 1.55 | 3.3 |
| | 2020 | 14.0 | 59.7 | 0.41 | 0.55 | 6.3 |
| | среднее | 13.9±3.2 | 53.1±4.1 | | | |
| S-56 256 | 2018 | 11.3 | 56.3 | 0.52 | 1.61 | 8.0 |
| | 2019 | 18.6 | 56.2 | 0.63 | 2.02 | 4.6 |
| | 2020 | 14.3 | 58.1 | 0.66 | 0.95 | 3.7 |
| | среднее | 14.7±2.1 | 56.9±0.6 | | | |
| S-57 257 | 2018 | 18.7 | 51.1 | 0.62 | 2.03 | 8.4 |
| | 2019 | 16.3 | 57.5 | 0.64 | 2.06 | 4.6 |
| | 2020 | 10.0 | 53.0 | 0.96 | 1.33 | 4.0 |
| | среднее | 15.0±2.6 | 53.9±1.9 | | | |
| S-58 258 | 2018 | 18.2 | 49.2 | 0.45 | 1.47 | 5.4 |
| | 2019 | 10.6 | 55.1 | 0.55 | 1.88 | 3.7 |
| | 2020 | – | – | 0.46 | 0.64 | 3.8 |
| | среднее | 14.4±3.8 | 52.2±2.9 | | | |
| S-59 259 | 2018 | 14.4 | 51.5 | 0.46 | 1.49 | 5.7 |
| | 2019 | 10.3 | 52.9 | 0.64 | 2.18 | 4.6 |
| | 2020 | 12.1 | 51.4 | 0.63 | 0.87 | 4.6 |
| | среднее | 12.3±1.2 | 51.9±0.5 | | | |
| S-60 260 | 2018 | 19.0 | 57.1 | 0.62 | 1.92 | 6.3 |
| | 2019 | 11.8 | 57.1 | 0.61 | 2.08 | 4.1 |
| | 2020 | 11.1 | 54.2 | 0.77 | 1.06 | 3.8 |
| | среднее | 14.0±2.5 | 56.2±1.0 | | | |
| S-61 261 | 2018 | 17.8 | 46.2 | 0.63 | 2.05 | 7.1 |
| | 2019 | 18.5 | 59.5 | 0.71 | 2.27 | 5.7 |
| | 2020 | 10.8 | 63.1 | 0.78 | 1.07 | 4.6 |
| | среднее | 15.7±2.5 | 56.3±5.1 | | | |
| S-62 262 | 2018 | 18.9 | 56.6 | 0.69 | 2.11 | 9.9 |
| | 2019 | 10.2 | 50.0 | 0.73 | 2.50 | 6.3 |
| | 2020 | 9.8 | 62.0 | 0.72 | 1.00 | 4.4 |
| | среднее | 12.9±3.0 | 56.2±3.5 | | | |
| S-63 263 | 2018 | 18.1 | 53.8 | 0.65 | 1.99 | 7.0 |
| | 2019 | 19.4 | 59.3 | 0.71 | 2.27 | 4.8 |
| | 2020 | 12.6 | 55.2 | 0.85 | 1.23 | 4.4 |
| | среднее | 16.7±2.1 | 56.1±1.7 | | | |
| S-64 264 | 2018 | – | – | – | – | – |
| | 2019 | 16.8 | 50.2 | 0.61 | 1.96 | 4.2 |
| | 2020 | 11.7 | 54.6 | 0.63 | 0.88 | 3.9 |
| | среднее | 14.3±2.6 | 52.4±2.2 | | | |
| S-65 265 | 2018 | 9.5 | 51.7 | 0.39 | 1.21 | 5.6 |
| | 2019 | – | – | 0.79 | 2.71 | 4.4 |
| | 2020 | 9.5 | 34.5 | 0.54 | 0.74 | 4.0 |
| | среднее | 9.5±0.0 | 43.1±8.6 | | | |
| S-66 266 | 2018 | 15.2 | 48.7 | 0.51 | 1.42 | 8.9 |
| | 2019 | 10.7 | 56.2 | 0.71 | 2.28 | 4.6 |
| | 2020 | 7.7 | 42.0 | 0.63 | 0.88 | 2.7 |
| | среднее | 11.2±2.2 | 49.0±4.1 | | | |
| S-67 267 | 2018 | 14.2 | 44.7 | 0.49 | 1.37 | 5.6 |
| | 2019 | 17.2 | 61.9 | 0.69 | 2.10 | 5.2 |
| | 2020 | 14.1 | 62.5 | 0.98 | 1.36 | 9.3 |
| | среднее | 15.1±1.0 | 56.4±5.8 | | | |

Продолжение таблицы 2

| <i>1</i> | <i>2</i> | <i>3</i> | <i>4</i> | <i>5</i> | <i>6</i> | <i>7</i> |
|----------|----------|-----------------|-----------------|----------|----------|----------|
| S-68 268 | 2018 | 10.9 | 55.0 | 0.51 | 1.72 | 7.7 |
| | 2019 | 19.3 | 57.2 | 0.70 | 2.25 | 5.1 |
| | 2020 | 14.3 | 51.1 | 0.58 | 0.81 | 3.6 |
| | среднее | 14.8±2.4 | 54.4±1.8 | | | |
| S-69 269 | 2018 | – | – | 0.46 | 1.56 | 6.7 |
| | 2019 | 10.1 | 56.1 | 0.68 | 2.19 | 5.1 |
| | 2020 | 10.1 | 52.3 | 0.57 | 0.80 | 3.5 |
| | среднее | 10.1±0.0 | 54.2±1.9 | | | |
| S-70 270 | 2018 | – | – | 0.52 | – | 5.4 |
| | 2019 | 18.8 | 55.7 | 0.77 | 2.22 | 5.8 |
| | 2020 | 11.3 | 49.1 | 0.88 | 1.22 | 3.8 |
| | среднее | 15.1±3.8 | 52.4±3.3 | | | |
| S-71 271 | 2018 | 19.8 | 52.1 | 0.46 | 1.58 | 4.0 |
| | 2019 | 14.8 | 63.0 | 0.68 | 2.06 | 4.4 |
| | 2020 | 10.9 | 60.3 | 0.71 | 1.02 | 3.8 |
| | среднее | 15.2±2.6 | 58.4±3.3 | | | |
| S-72 272 | 2018 | 14.4 | 56.5 | 0.74 | 1.40 | 7.1 |
| | 2019 | 13.5 | 62.3 | 0.88 | 2.83 | 4.6 |
| | 2020 | 10.9 | 45.0 | 0.60 | 0.86 | 3.1 |
| | среднее | 12.9±1.1 | 54.6±5.1 | | | |
| S-73 273 | 2018 | 16.6 | 44.8 | 0.61 | 2.28 | 7.4 |
| | 2019 | 8.3 | 57.2 | 0.53 | 1.70 | 3.7 |
| | 2020 | 12.5 | 61.0 | 0.95 | 1.37 | 4.9 |
| | среднее | 12.5±2.4 | 54.3±4.9 | | | |
| S-74 274 | 2018 | 15.5 | 58.1 | 0.37 | 2.05 | 5.0 |
| | 2019 | 17.4 | 57.8 | 0.73 | 2.11 | 4.1 |
| | 2020 | 13.5 | 56.0 | 0.83 | 1.19 | 3.4 |
| | среднее | 15.5±1.1 | 57.3±0.6 | | | |
| S-75 275 | 2018 | 15.7 | 51.8 | 0.58 | 1.20 | 6.8 |
| | 2019 | 19.7 | 55.8 | 0.59 | 1.71 | 3.9 |
| | 2020 | 13.1 | 61.1 | 0.64 | 0.90 | 6.5 |
| | среднее | 16.2±2.0 | 56.2±2.7 | | | |
| S-76 276 | 2018 | 16.7 | 57.5 | 0.47 | 1.78 | 6.4 |
| | 2019 | 21.7 | 55.9 | 1.01 | 2.93 | 7.2 |
| | 2020 | 14.7 | 63.9 | 0.73 | 1.01 | 7.2 |
| | среднее | 17.7±2.1 | 59.1±2.5 | | | |
| S-77 277 | 2018 | 13.7 | 49.7 | 0.56 | 1.44 | 8.3 |
| | 2019 | 15.6 | 56.0 | 0.72 | 2.17 | 4.9 |
| | 2020 | 11.4 | 49.2 | 0.61 | 0.85 | 2.7 |
| | среднее | 13.6±1.2 | 51.6±2.2 | | | |
| S-78 278 | 2018 | 15.9 | 51.1 | 0.51 | 1.73 | 5.7 |
| | 2019 | 21.0 | 56.5 | 0.87 | 2.66 | 5.9 |
| | 2020 | 11.2 | 52.1 | 0.93 | 1.34 | 2.3 |
| | среднее | 16.0±2.8 | 53.2±1.6 | | | |
| S-79 279 | 2018 | 18.2 | 51.2 | 0.42 | 1.56 | 6.5 |
| | 2019 | 12.6 | 52.7 | 0.50 | 1.52 | 2.8 |
| | 2020 | 13.5 | 50.8 | 0.46 | 0.65 | 3.8 |
| | среднее | 14.8±1.7 | 51.6±0.6 | | | |
| S-80 280 | 2018 | 15.0 | 51.2 | 0.61 | 1.38 | 7.9 |
| | 2019 | 18.7 | 54.6 | 0.74 | 2.13 | 4.9 |
| | 2020 | 10.7 | 48.8 | 0.57 | 0.81 | 3.2 |
| | среднее | 14.8±2.3 | 51.5±1.7 | | | |
| S-81 281 | 2018 | 21.0 | 52.7 | 0.50 | 1.89 | 3.7 |
| | 2019 | 19.2 | 50.9 | 0.73 | 2.11 | 5.9 |
| | 2020 | 10.7 | 57.9 | 0.70 | 1.02 | 3.0 |
| | среднее | 16.9±3.2 | 53.8±2.1 | | | |

Продолжение таблицы 2

| <i>1</i> | <i>2</i> | <i>3</i> | <i>4</i> | <i>5</i> | <i>6</i> | <i>7</i> |
|----------|----------|-----------------|-----------------|----------|----------|----------|
| S-82 282 | 2018 | 12.4 | 53.1 | 0.47 | 1.64 | 4.9 |
| | 2019 | 17.9 | 62.0 | 0.95 | 2.87 | 5.5 |
| | 2020 | 15.2 | 57.5 | 0.73 | 1.09 | 4.0 |
| | среднее | 15.2±1.6 | 57.5±2.6 | | | |
| S-83 283 | 2018 | 18.3 | 49.9 | 0.53 | 1.54 | 6.9 |
| | 2019 | 14.8 | 59.2 | 0.79 | 2.39 | 4.8 |
| | 2020 | 14.0 | 59.7 | 0.63 | 0.94 | 3.7 |
| | среднее | 15.7±1.3 | 56.3±3.2 | | | |
| S-84 284 | 2018 | 17.7 | 54.4 | 0.90 | 1.62 | 8.8 |
| | 2019 | 16.4 | 52.1 | 0.60 | 1.81 | 3.9 |
| | 2020 | 10.6 | 58.0 | 0.86 | 1.20 | 5.3 |
| | среднее | 14.9±2.2 | 54.8±1.7 | | | |
| S-85 285 | 2018 | 18.5 | 62.4 | 0.59 | 2.77 | 5.1 |
| | 2019 | 16.2 | 44.2 | 0.52 | 1.68 | 4.5 |
| | 2020 | 16.2 | 57.3 | 0.61 | 0.91 | 4.7 |
| | среднее | 16.9±0.8 | 54.6±5.4 | | | |
| S-86 286 | 2018 | 13.7 | 54.2 | 0.51 | 1.82 | 5.2 |
| | 2019 | 13.5 | 58.2 | 0.62 | 1.89 | 5.1 |
| | 2020 | 14.4 | 57.8 | 0.63 | 0.92 | 4.4 |
| | среднее | 13.9±0.3 | 56.7±1.3 | | | |
| S-87 287 | 2018 | 17.1 | 56.1 | 0.58 | 1.57 | 8.4 |
| | 2019 | 12.5 | 63.7 | 0.70 | 2.23 | 4.3 |
| | 2020 | 15.8 | 62.1 | 0.66 | 0.99 | 5.2 |
| | среднее | 15.1±1.4 | 60.6±2.3 | | | |
| S-88 288 | 2018 | 18.7 | 56.3 | 0.53 | 1.77 | 6.6 |
| | 2019 | 12.3 | 67.4 | 0.77 | 2.46 | 5.1 |
| | 2020 | 13.4 | 61.4 | 0.83 | 1.22 | 3.3 |
| | среднее | 14.8±2.0 | 61.7±3.2 | | | |
| S-89 289 | 2018 | 14.0 | 55.8 | 0.21 | 1.63 | 2.2 |
| | 2019 | 19.5 | 53.9 | 0.55 | 1.57 | 4.5 |
| | 2020 | 12.9 | 63.0 | 0.84 | 1.25 | 7.9 |
| | среднее | 15.5±2.0 | 57.6±2.8 | | | |
| S-90 290 | 2018 | – | – | 0.32 | 0.69 | 4.5 |
| | 2019 | 16.5 | 58.2 | 0.58 | 1.78 | 3.9 |
| | 2020 | – | – | 0.70 | 0.99 | 2.6 |
| | среднее | 16.5 | 58.2 | | | |
| S-91 291 | 2018 | 11.0 | 56.9 | 0.32 | 1.05 | 3.6 |
| | 2019 | 19.8 | 59.6 | 0.67 | 1.94 | 4.6 |
| | 2020 | 13.7 | 58.8 | 0.81 | 1.22 | 5.6 |
| | среднее | 14.8±2.6 | 58.4±0.8 | | | |
| S-92 292 | 2018 | 14.8 | 50.6 | 0.45 | 0.18 | 4.6 |
| | 2019 | 12.8 | 57.0 | 0.63 | 2.04 | 3.9 |
| | 2020 | 13.5 | 56.6 | 0.68 | 0.99 | 2.5 |
| | среднее | 13.7±0.6 | 54.7±2.1 | | | |
| S-93 293 | 2018 | 17.3 | 50.6 | 0.33 | 1.47 | 4.7 |
| | 2019 | 11.7 | 59.1 | 0.67 | 2.14 | 3.6 |
| | 2020 | 13.0 | 53.2 | 0.54 | 0.81 | 4.2 |
| | среднее | 14.0±1.7 | 54.3±2.5 | | | |
| S-94 294 | 2018 | 15.0 | 50.7 | 0.62 | 1.08 | 8.3 |
| | 2019 | 19.9 | 42.0 | 0.47 | 1.32 | 2.7 |
| | 2020 | 15.9 | 49.0 | 0.43 | 0.65 | 2.8 |
| | среднее | 17.0±1.5 | 47.2±2.7 | | | |
| S-95 295 | 2018 | 15.7 | 53.7 | 0.55 | 2.00 | 6.1 |
| | 2019 | 18.1 | 54.2 | 0.51 | 1.43 | 4.1 |
| | 2020 | 11.0 | 52.7 | 0.77 | 1.08 | 3.5 |
| | среднее | 14.9±2.1 | 53.6±0.4 | | | |

Продолжение таблицы 2

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---------------------------------|---------|-----------------|-----------------|----------|----------|------|
| S-96 296 | 2018 | 11.9 | 63.6 | 0.51 | 1.75 | 6.1 |
| | 2019 | 11.6 | 53.0 | 0.74 | 2.21 | 4.2 |
| | 2020 | 9.7 | 56.8 | 0.67 | 0.94 | 4.9 |
| | среднее | 11.1±0.7 | 57.8±3.1 | | | |
| S-97 297 | 2018 | 13.9 | 54.6 | 0.43 | 1.41 | 5.0 |
| | 2019 | 18.8 | 50.6 | 0.65 | 1.82 | 4.2 |
| | 2020 | 15.3 | 62.9 | 0.94 | 1.40 | 9.3 |
| | среднее | 16.0±1.5 | 56.0±3.6 | | | |
| S-98 298 | 2018 | 16.4 | 52.5 | 0.48 | 1.39 | 5.9 |
| | 2019 | 9.6 | 52.8 | 0.53 | 1.58 | 2.2 |
| | 2020 | 13.5 | 62.0 | 0.59 | 0.86 | 3.2 |
| | среднее | 13.2±2.0 | 55.8±3.1 | | | |
| S-99 299 | 2018 | 16.3 | 51.4 | 0.37 | 1.68 | 5.2 |
| | 2019 | 8.7 | 48.4 | 0.28 | 0.85 | 2.2 |
| | 2020 | 15.1 | 57.2 | 0.68 | 1.00 | 5.8 |
| | среднее | 13.4±2.3 | 52.3±2.6 | | | |
| S-100 300 | 2018 | 14.8 | 49.4 | 0.33 | 1.21 | 3.9 |
| | 2019 | 19.7 | 53.1 | 0.67 | 1.87 | 4.9 |
| | 2020 | 10.6 | 58.7 | 0.73 | 1.02 | 5.8 |
| | среднее | 15.0±2.6 | 53.8±2.7 | | | |
| S-101 301 | 2018 | 9.9 | 43.2 | 0.39 | 1.09 | 4.6 |
| | 2019 | 10.7 | 60.8 | 0.58 | 1.72 | 3.9 |
| | 2020 | 14.3 | 57.6 | 0.64 | 0.94 | 4.7 |
| | среднее | 11.6±1.4 | 53.9±5.4 | | | |
| S-102 504 АИС | 2018 | 16.8±0.9 | 49.7±3.6 | 0.64 | 2.03 | 10.1 |
| | 2019 | 15.6 | 42.9 | 0.61 | 1.83 | 4.3 |
| | 2020 | 14.6 | 60.5 | 0.71 | 0.99 | 7.9 |
| | среднее | 15.7±0.6 | 51.1±5.1 | | | |
| S-103 505 Аист | 2018 | 16.0±3.1 | 54.5±2.6 | 0.56 | 1.77 | 8.6 |
| | 2019 | 8.0 | 47.4 | 0.47 | 1.39 | 4.3 |
| | 2020 | 10.9 | 56.6 | 0.64 | 0.88 | 2.2 |
| | среднее | 11.6±2.3 | 52.8±2.8 | | | |
| S-104 506 сорт Ай-Тодор* | 2018 | 11.5±2.2 | 50.5±4.5 | 0.51 | 1.67 | 4.6 |
| | 2019 | 17.2±2.2 | 58.7±2.3 | 0.74 | 2.30 | 3.7 |
| | 2020 | 15.1±1.5 | 59.0±0.2 | 0.74±0.1 | 1.01±0.1 | 10.2 |
| | среднее | 14.6±1.7 | 56.1±2.8 | | | |
| S-105 507 сорт Крымский поздний | 2018 | 11.6±2.7 | 47.0±0.8 | 0.56 | 1.92 | 4.3 |
| | 2019 | 19.3±1.1 | 56.1±0.3 | 0.65 | 1.69 | 3.4 |
| | 2020 | 15.3 | 63.2 | 0.79 | 1.10 | 9.3 |
| | среднее | 15.4±2.2 | 55.5±4.7 | | | |
| S-106 508 сорт Ранний* | 2018 | 12.9 | 63.6 | 0.70 | 2.20 | 9.7 |
| | 2019 | 19.0 | 55.0 | 0.61 | 1.70 | 4.4 |
| | 2020 | 13.4 | 58.0 | 0.74 | 1.04 | 4.8 |
| | среднее | 15.1±2.0 | 58.9±2.5 | | | |
| S-107 509 сорт Мрия | 2018 | 16.6±0.5 | 53.7±0.4 | 0.64 | 2.03 | 10.1 |
| | 2019 | 10.0 | 50.3 | 0.61 | 1.83 | 4.3 |
| | 2020 | 13.3 | 61.0 | 0.72 | 1.00 | 5.6 |
| | среднее | 13.3±1.9 | 55.0±3.2 | | | |
| S-108 510 Н-1 | 2018 | 9.1 | 48.3 | 0.61 | 1.92 | 8.3 |
| | 2019 | 11.4 | 52.1 | 0.60 | 1.80 | 4.8 |
| | 2020 | 17.8 | 62.9 | 0.84 | 1.17 | 9.4 |
| | среднее | 12.8±2.6 | 54.5±4.4 | | | |
| S-109 511 сорт Орфей* | 2018 | 15.3±1.1 | 51.2±2.2 | 0.62 | 1.90 | 5.9 |
| | 2019 | 16.2±0.5 | 58.2±2.5 | 0.86 | 2.09 | 6.8 |
| | 2020 | 11.5±0.8 | 55.0±3.0 | 0.64±0.1 | 0.89±0.1 | 5.6 |
| | среднее | 14.4±1.4 | 54.8±2.0 | | | |

Окончание таблицы 2

| <i>1</i> | <i>2</i> | <i>3</i> | <i>4</i> | <i>5</i> | <i>6</i> | <i>7</i> |
|--------------------------------|----------|-----------------|-----------------|----------|----------|----------|
| S-110 512 сорт С 785* | 2018 | 12.2±1.6 | 42.4±1.0 | 0.43 | 1.28 | 7.1 |
| | 2019 | 17.1±0.3 | 61.1±1.5 | 0.77 | 2.66 | 3.5 |
| | 2020 | 14.9 | 63.3 | 0.73 | 1.01 | 11.6 |
| | среднее | 14.8±1.4 | 55.6±6.6 | | | |
| S-111 513 сорт Тайган* | 2018 | 13.2±0.9 | 51.3±2.3 | 0.68 | 2.09 | 9.3 |
| | 2019 | 15.5±1.4 | 61.6±0.1 | 0.75 | 2.21 | 6.9 |
| | 2020 | 13.0±1.2 | 54.4±2.3 | 0.61±0.1 | 0.86±0.2 | 6.2 |
| | среднее | 13.9±0.8 | 55.8±3.0 | | | |
| S-112 514 сорт Ультраранний | 2018 | 12.6 | 52.2 | 0.37 | 1.22 | 4.8 |
| | 2019 | 16.3 | 57.0 | 0.94 | 2.92 | 7.6 |
| | 2020 | 13.9 | 61.6 | 0.63 | 0.88 | 4.5 |
| | среднее | 14.3±1.1 | 56.9±2.7 | | | |