# 1976
# SOYBEANS

Choose a variety that will mature every year in your locality. See Heat Unit Map.

When you intend to sow fall wheat following a soybean crop, choose a soybean variety that requires 300 heat units less than those available in your area.

## SOYBEAN VARIETY RECOMMENDATIONS AND DESCRIPTIONS

| Variety | Heat Units Required | Color | | | Seeds/ Pound | Phytophthora Root Rot Reaction* |
|---|---|---|---|---|---|---|
| | | Flower | Pubescence | Hilum | | |
| Vansoy | 2600 | white | brown | yellow | 3000 | T |
| Beechwood | 2600 | white | brown | black | 2500 | T |
| Evans | 2700 | white | gray | yellow | 2900 | T |
| Harlon | 2800 | white | gray | yellow | 2700 | MS |
| Nairn | 2900 | white | gray | yellow | 2700 | MS |
| Steele | 2900 | purple | gray | yellow | 2700 | MS |
| Wells | 3050 | purple | gray | brown-black | 2800 | MS |
| Harosoy 63 | 3100 | purple | gray | yellow | 2600 | MS |
| Harcor** | 3150 | purple | gray | yellow | 3000 | T |
| Harwood | 3150 | purple | gray | yellow | 2300 | MS |
| XK505 | 3150 | purple | brown | black | 2600 | MT |
| Amsoy 71 | 3200 | purple | gray | yellow | 2700 | MT |

**Field Reaction: T (Tolerant); MT (Moderately Tolerant); MS (Moderately Susceptible).*

*2-year average in a field at Woodslee heavily infested with Race 6. See section on soybean diseases.*

***Commercial seed supplies will not be adequate until 1977.*

# AGRONOMIC DATA

| Testing Areas | Variety | Heat Unit Rating | Yield bu/acre 14% moisture | Days from Planting To Maturity | Plant Height Inches | Lodging 1 = standing 5 = flat |
|---|---|---|---|---|---|---|
| 3 yr average | Vansoy | 2600 | 36 | 116 | 34 | 2.1 |
| of 9 trials in | Beechwood | 2600 | 35 | 118 | 32 | 2.3 |
| Ottawa, Kemptville | Evans | 2700 | 41 | 120 | 33 | 1.7 |
| and Elora | | | | | | |
| 2 yr average | Vansoy | 2600 | 41 | 115 | 33 | 1.8 |
| of 5 trials in | Evans | 2700 | 47 | 119 | 32 | 1.4 |
| London, Oil City | Harlon | 2800 | 47 | 123 | 37 | 1.4 |
| and Ridgetown | Nairn | 2900 | 48 | 123 | 36 | 1.8 |
| | Steele | 2900 | 46 | 124 | 36 | 1.6 |
| | Wells | 3050 | 43 | 129 | 35 | 1.3 |
| | Harosoy 63 | 3100 | 47 | 131 | 43 | 2.5 |
| 3 yr average | Steele | 2900 | 43 | 113 | 31 | 1.4 |
| of 7 trials in | Wells | 3050 | 42 | 119 | 32 | 1.1 |
| Ridgetown, Woodslee | Harosoy 63 | 3100 | 42 | 119 | 37 | 1.8 |
| and Harrow | Harwood | 3150 | 41 | 121 | 34 | 1.6 |
| | Harcor | 3150 | 47 | 123 | 37 | 1.9 |
| | XK505 | 3150 | 41 | 124 | 36 | 1.7 |
| | Amsoy 71 | 3200 | 43 | 124 | 36 | 1.7 |