

Table 3 Water Requirements for Soybeans Based on Various Stages of Growth and Maturity

| Stage of Growth | Stage Title | Stage Description | Approx. No. Days to Maturity | Water Use to Maturity in Inches |
|-----------------|--------------------|---|------------------------------|---------------------------------|
| R4 | Full Pod | Pod $\frac{3}{4}$ " long on at least <u>one</u> of the four uppermost nodes with a fully developed leaf | 50 | 8.5 |
| R5 | Beginning Seed | Beans can be felt when squeezing pods on any <u>one</u> of the four uppermost nodes with a fully developed leaf | 40 | 5.5 |
| R6 | Full Seed | Beans are touching in any pod on <u>one</u> of the four uppermost nodes with a fully developed leaf | 30 | 3.5 |
| R6+ | | One-third of pods have touching beans | 25 | 2.8 |
| R6++ | | Two-third of pods have touching beans | 20 | 2.2 |
| R6+++ | | All pods have touching beans | 15 | 1.6 |
| R7 | Beginning Maturity | Pod have reached its normal mature color on <u>one</u> of the four uppermost nodes with a fully developed leaf: 50% of the leave have turned yellow | 10 | 1.0 |
| R8 | Full Maturity | 95% of the pods have reached their full mature color | 0 | 0.0 |