TECHNICAL NOTES

U S Department of Agriculture Natural Resources Conservation Service

TN - AGRONOMY - CA-55 September 1997

SOIL QUALITY TECHNICAL NOTES - AGRONOMY NO. 3 AND AGRONOMY NO. 4

Enclosed are copies of the third and fourth Agronomy series Soil Quality Technical Notes produced by the NRCS Soil Quality Institute titled:

Agronomy No. 3: Effects of Residue Management, No-Till on Soil Quality

Agronomy No. 4: Effect of Soil Quality on Nutrient Efficiency

Soil Quality Institute Agronomist Michael D. Hubbs in Auburn, Alabama is the principal author for these technical notes. It is the goal of the Soil Quality Institute to provide useful information that will assist field offices in assisting clients/decision makers to consider the whole resource (soil quality) in conservation planning. These technical notes are meant to be used with the practice standards to assist planners when considering alternatives with the client/decision maker.

These technical notes provide useful information supporting sustainable agriculture. Technical Note No. 3 discusses how no-till residue management systems affect soil quality. Technical Note No. 4 discusses how nutrient efficiency is impacted by soil quality.

Field offices are encouraged to provide copies of these technical notes (as well as any other technical notes) to clients/decision makers, as needed, to accelerate progressive conservation planning.

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